

Appl. No. 10/782,806
In re Van Der Meulen, J.
Reply to Office Action of May 23, 2005

Amendments to the Specification:

Please replace the paragraph beginning at page 4, line 11, with the following rewritten paragraph:

Figs. 1A and 1B illustrate the low pitch clave block generally represented by reference numeral 10. The low pitch clave block 10 includes a rigid body 12 formed with an open cavity 14 therewithin. The low pitch clave block 10 further includes a mounting ring 16. Preferably, the mounting ring 16 is formed integrally with the body 12 of the clave block 10. Further preferably, the clave block 10 is made of plastic material by an injection molding process. It will be appreciated that the clave block 10 may be manufactured of any appropriate solid material and process known to those skilled in the art. As illustrated in Figs. 1A and 1B, the body 12 of the clave block 10 has a shape of a substantially elliptical cylinder and is characterized by external dimensions L, W and H. As shown in Fig. 1B, the open cavity 14 within the body 12 is in the form of a substantially trapezoidal polyhedron characterized by dimensions m_1 , n_1 , k_1 and h_1 , which define a volume V_1 of the open cavity 14 within the low pitch clave block 10.

Please replace the paragraph beginning at page 5, line 1, with the following rewritten paragraph:

Figs. 2A and 2B illustrate the medium pitch clave block generally represented by reference numeral 20. The medium pitch clave block 20 includes a rigid body 22 formed with an open cavity

open cavity 24 therewithin. The medium pitch clave block 20 further includes a mounting ring 26.

Preferably, the mounting ring 26 is formed integrally with the body 22 of the clave block 20.

Further preferably, the clave block 20 is made of plastic material by an injection molding process. It

will be appreciated that the clave block 20 may be manufactured of any appropriate solid material

and process known to those skilled in the art. As illustrated in Figs. 2A and 2B, the body 22 of the

clave block 20 has a shape of a substantially elliptical cylinder and is characterized by external

dimensions L, W and H. As shown in Fig. 2B, the open cavity 24 within the body 22 is in the form

of a substantially trapezoidal polyhedron characterized by dimensions m_2 , n_2 , k_2 and h_2 , which

define a volume V_2 of the open cavity 24 within the medium pitch clave block 20.

Please replace the paragraph beginning at page 5, line 13, with the following rewritten paragraph:

Figs. 3A and 3B illustrate the high pitch clave block generally represented by reference numeral 30. The high pitch clave block 30 includes a rigid body 32 formed with an open cavity 34 therewithin. The high pitch clave block 30 further includes a mounting ring 36. Preferably, the mounting ring 36 is formed integrally with the body 32 of the clave block 30. Further preferably, the clave block 30 is made of plastic material by an injection molding process. It will be appreciated that the clave block 30 may be manufactured of any appropriate solid material and process known to those skilled in the art. As illustrated in Figs. 3A and 3B, the body 32 of the clave block 30 has a

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clave block 30 has a shape of a substantially elliptical cylinder and is characterized by external dimensions L, W and H. As shown in Fig. 3B, the open cavity 34 within the body 32 is in the form of a substantially trapezoidal polyhedron characterized by dimensions m_3 , n_3 , k_3 and h_3 , which define a volume V_3 of the open cavity 34 within the high pitch clave block 30.

Please add the following new paragraph after paragraph beginning at page 6, line 13:

In other words, a perimeter of an opening 15 in the low pitch clave block 10 is bigger than a perimeter of an opening 25 in the medium pitch clave block 20, while the perimeter of the opening 25 in the medium pitch clave block 20 is bigger than a perimeter of an opening 35 in the high pitch clave block 30. Correspondingly, a thickness of the body 12 of the low pitch clave block 10 is smaller than a thickness of the body 22 of the medium pitch clave block 20, while the thickness of the body 22 of the medium pitch clave block 20 is smaller than a thickness of the body 32 of the high pitch clave block 30.

Please replace the paragraph beginning at page 6, line 16, with the following rewritten paragraph:

Therefore, the present invention represents a novel arrangement of the percussion musical instrument including set of clave blocks, wherein all of the clave blocks have substantially identical exterior dimensions, but assorted (or different) volumes of open cavity specifically designed to generate clave rhythms of a variety of pitches.